

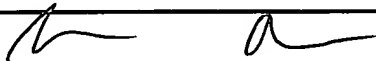
Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/444,774
		Filing Date	November 11, 1999
		First Named Inventor	Mikurak, Michael G.
		Art Unit	3622
		Examiner Name	Jean D. Janvier
Sheet 1 of 5	Attorney Docket Number		AND1P348 (60021-334801)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number -Kind Code ² (if known)	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
AL	1	4,491,947	01/01/1985	Frank, Amalie J.
	2	4,972,453	11/20/1990	Daniel et al.
	3	5,109,337	04/28/1991	Ferriter et al.
	4	5,159,685	10/27/1992	Kung, Ching Y.
	5	5,297,031	03/22/1994	Guterman et al.
	6	5,483,637	01/09/1996	Winokur et al.
	7	5,495,610	02/27/1996	Shing et al
	8	5,513,343	04/30/1996	Sakano et al.
	9	5,539,877	07/23/1996	Winokur et al.
	10	5,621,663	04/15/1997	Skagerling, Lennart
	11	5,646,864	07/08/1997	Whitney, Christopher
	12	5,655,068	08/05/1997	Opoczynski, Adam
	13	5,694,546	12/02/1997	Reisman
AN	14	5,729,735	03/17/1998	Meyering, Samuel C.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

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<i>AS</i>	15	5,761,502	06/02/1988	Jacobs, Andrew Robin
	16	5,764,543	06/09/199	Kennedy
	17	5,768,501	06/16/1998	Lewis, Lundy
	18	5,819,028	10/06/1998	Manghirmalani et al.
	19	5,832,196	11/03/1998	Croslin et al.
	20	5,864,483	01/26/1999	Brichta, Harriet E.
	21	5,864,662	01/26/1999	Brownmiller et al.
	22	5,883,955	03/16/1999	Ronning
	23	5,890,175	03/30/1999	Wong et al.
	24	5,893,905	04/13/1999	Main et al.
	25	5,895,454	04/20/1999	Harrington
	26	5,907,490	05/25/1999	Oliver
	27	5,953,707	09/14/1999	Huang et al.
<i>AM</i>	28	5,974,391	10/26/1999	Hongawa

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
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AP	29	5,974,395	10/26/1999	Bellini et al
	30	5,974,403	10/26/1999	Takriti et al
	31	5,987,423	11/16/1999	Arnold et al.
	32	5,999,525	12/07/1999	Krishnaswamy et al.
	33	6,006,016	12/21/1999	Faigon et al
	34	6,006,196	12/21/1999	Feigin et al.
	35	6,058,426	05/02/2000	Godwin et al.
	36	6,067,525	05/23/2000	Johnson et al.
	37	6,104,868	08/15/2000	Peters et al.
	38	6,151,582	11/21/2000	Huang et al.
	39	6,157,915	12/05/2000	Bhaskaran et al
	40	6,167,378	12/26/2000	Weber, Jr.
	41	6,195,697 B1	02/27/2001	Bowman-Amuah, Michel K.
	42	6,199,204 B1	03/06/2001	Donohue
AD	43	6,253,339 B1	06/26/2001	Tse et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
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		Art Unit	3622
		Examiner Name	Jean D. Janvier
Sheet 4 of	Attorney Docket Number		AND1P348 (60021-334801)

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number Number -Kind Code ² (if known)	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>lm</i>	44	6,256,676 B1	07/03/2001	Taylor et al
<i>l</i>	45	6,289,462 B1	09/11/2001	Mcnabb et al
<i>ln</i>	46	6,349,237 B1	02/19/2001	Koren et al

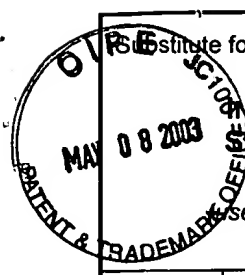
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/444,774		
		Filing Date	Nov-22-1999		
		First Named Inventor	Mikurak, Michael		
		Art Unit	3622		
		Examiner Name	Duran, Arthur D.		
Sheet	1	of	4	Attorney Docket Number	60021-3348

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number -Kind Code ² (if known)		
SD	1	5,231,567	07/27/1993	Matoba et al.
lm	2	5,611,048	03/11/1997	Jacobs et al.
lm	3	5,640,505	06/17/1997	Hearn et al.
cm	4	5,696,975	12/09/1997	Moore et al.
lm	5	5,752,159	05/12/1998	Faust et al.
lm	6	5,802,178	09/01/1998	Holden et al.
lm	7	5,812,529	09/22/1998	Czarnik et al.
lm	8	5,841,981	11/24/1998	Kondo
lm	9	5,878,128	03/02/1999	Kantola, Raimo
lm	10	5,946,662	08/31/1999	Ettl et al.
lm	11	5,951,644	09/14/1999	Creemer
lm	12	5,987,430	11/16/1999	Van Horne et al.
lm	13	6,009,274	12/28/1999	Fletcher et al.
lm	14	6,023,586	02/08/2000	Gaisford et al.

FOREIGN PATENT DOCUMENTS					
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				Filing Date	Nov-22-1999
				First Named Inventor	Mikurak, Michael
				Art Unit	3622
				Examiner Name	Duran, Arthur
Sheet	2	of	4	Attorney Docket Number	60021-334801

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
PO	15	6,055,514	04/25/2000	Wren
M	16	6,058,103	05/02/2000	Henderson et al.
M	17	6,105,069	08/15/2000	Franklin et al.
M	18	6,115,690	09/05/2000	Wong, Charles
M	19	6,119,101	09/12/2000	Peckover, Douglas L.
M	20	6,134,615	10/17/2000	Chari et al.
M	21	6,147,975	11/14/2000	Bowman-Amuah, Michel K.
LM	22	6,219,700	04/17/2001	Chang et al.
M	23	6,223,343	04/24/2001	Hopwood et al.
AO	24	6,233,449	05/15/2001	Glitho et al.
AO	25	6,263,317	07/17/2001	Sharp et al.
AM	26	6,269,336	07/31/2001	Ladd et al.
AO	27	6,272,677	08/07/2001	Lam et al.
AO	28	6,292,830	09/18/2001	Taylor et al.

FOREIGN PATENT DOCUMENTS					
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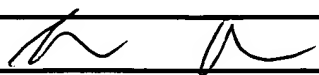
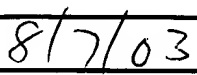

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AD	29	6,314,565	11/06/2001	Kenner et al.
AD	30	6,339,789	01/15/2002	Sugauchi et al.
AD	31	6,345,261	02/05/2002	Feidelson et al.
AD	32	6,347,398	02/12/2002	Parthasarthy et al.
AD	33	6,370,573	04/09/2002	Bowman-Amuah, Michel K.
AD	34	6,381,579	04/30/2002	Gervais et al.
AD	35	6,397,381	05/28/2002	Delo et al.
AD	36	6,411,922	06/25/2002	Clark et al.
AD	37	6,430,688	08/06/2002	Kohl et al.
AD	38	6,430,708	08/06/2002	Evans, William R.
AD	39	6,470,496	10/22/2002	Kato et al.
AD	40	6,487,718	11/26/2002	Rodriguez et al.

FOREIGN PATENT DOCUMENTS					
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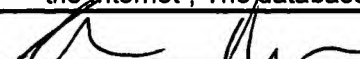
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Sheet 4 of 4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
AN	41	"CrossKeys Resolve to demonstrated at Supercomm - products provide integrated service management solutions to telecommunications industry", PR Newswire, 6/25/96 [retrieved on 9/9/02], 3 pages, Retrieved from: Dialog.	
AN	42	"Object/FX brings "Super GIS" to the UK". M2 Presswire. 21 September 1999	
AN	43	"Proactive Networks Offers TelAlert-Pronto Watch 2.5. Integration", Business Wire, 11/2/1998 [retrieved 3/19/02], 3 pages, Retrieved from : Proquest Direct.	
AN	44	Add control to Your Intranet. (Mortice Kern System's web Integrity 2.1 Web site development management tool software). Finn, Mike. Databased Web Adviser, V15, n8, p56 (3) August 1997	
AN	45	Ball et al., "Supply Chain Infrastructures System Integration and Information Sharing", ACM SIGMOD, vol. 31, no. 1, pp 61-66, 3/2002	
AN	46	Dijker, Barbara, "Careers in System Administration", Dr. Dobb's Journal, Fall 1999 [retrieved 12/18/02], 5 pages, retrieved from: Google.com	
AN	47	Fu et al., "Multi-Agent Enabled Modeling and Simulation Towards Collaborative Inventory Management in Supply Chains", ACM Proc. Winter simulation, pp 1763-1771, 2000	
AN	48	Gallant, John, "Two Tools for getting your money's worth", NetWorld, 2/15/99 [retrieved on 9/9/02], 2 pages, Retrieved from: Dialog.	
AN	49	Intranets for project and cost management in manufacturing	
AN	50	PeopleSoft Manufacturing Customers Report Rapid Implementations; I Gree Mountain and Coffee and QUALCOMM in Production; Major new Manufacturing License Agreements signed. August 13, 1997	
AN	51	Tan et al., "Applying Component Technology to Improve Global Supply Chain Network Management", ACM pp 296-301, 1999	
AN	52	Web Integrity's Breakthrough "Web Lens" Technology Brings New Level of Control to the Corporate Intranet/Extranet. Newswire, p1201NEMM05. Dec. 1, 1997	
AN	53	Zamir, Saba, "Outsourcing of Network Management", Enterprise Systems Journal, 10/1998 [retrieved on 9/9/02], Volume 13, Number 10, 8 pages, Retrieved from: Proquest Direct.	
AN	54	Zhao et al., "Data Management Issues for Large Scale Distributed Workflow System on the Internet", The database for Adv. In Inf. Sys. Vol. 29, no. 4, pp 22-32, 1998	
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